



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 7

11201 Renner Boulevard
Lenexa, Kansas 66219

DEC 11 2014

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Sjerp Ysselstein
Meadowvale Dairy LLC
1760 300th Street
Rock Valley, Iowa 51247

Re: Follow Up Information Request
Meadowvale Dairy, North Dairy Facility- NPDES #IA0077844 and
South Dairy Facility- NPDES #IA0077852 and associated production areas

Dear Mr. Ysselstein:

On or about May 6, 2014, you were sent an information request regarding your animal feeding operations near Rock Valley, Iowa. The request was issued under the authority of Section 308 of the Clean Water Act, 33 U.S.C. § 1318. We received Meadowvale Dairy's response on or around July 16, 2014.

The July 16 response states that a number of compliance activities are planned or underway. This request is intended to follow up on the activities you indicated would be completed this fall. For each document, photo or attachment provided, please clearly identify/label the question addressed and clearly label SOFEBs and sediment settling basins in photos. The following issues **are numbered as listed in the July 16, 2014, response:**

North Dairy Facility Concerns:

2. You indicated that construction of a covering roof structure at the feed storage area located on the southwest corner of Chestnut Avenue and 300th Street would be completed and that no process wastewater would be generated after September 1, 2014. Please describe the construction activities that have been completed to date and provide photos documenting the construction status. If construction has been completed also please provide the date of construction completion.
3. **Staff gauges:** Please confirm, and provide photos, that the newly designed staff gauges were installed by December 1, 2014, as discussed in Meadowvale Dairy's response. Also please provide copies of all documents related to land application activities necessary to dewater lagoons to allow staff gauge installation, including but not limited to, records that contain the date of land application, weather information, start and stop time, SOFEB levels prior to and after each land application activity, the quantity of manure and/or process wastewater land

applied, the destination land-application fields and any other information required by the NPDES permits or nutrient management plans.

4. Meadowvale Dairy's response indicated that an earthen dike and a concrete collection pit with pump to SOFEB #5 were under construction/installation. The response also indicated that work on SOFEB #1 would occur and that SOFEB #1 would be completely emptied, cleaned out and a larger transfer pump would be installed. Meadowvale Dairy asserted that these activities would be completed by December 1, 2014. Please describe in detail all work that has been completed to date and provide documenting photos. Also please provide copies of all documents related to land application activities necessary to dewater lagoon levels to allow construction/installation, including but not limited to, records that contain the date of land application, weather information, start and stop time, SOFEB levels prior to and after land application activities, the quantity of process wastewater land applied, the destination land-application fields and any other information required by the NPDES permit and/or nutrient management plan.
5. Meadowvale Dairy's response indicates that neglected maintenance at the freestall barns would be corrected and increased regular inspection and continued cleaning would address process wastewater issues. Please provide any records associated with the operation, maintenance or cleaning activities associated with freestall barns. Please provide photos documenting that these areas are adequately addressed.

Request for additional information (1): Please provide copies of all documents related to land application activities for all SOFEBs at the North Dairy Facility since January 1, 2012, through the date of receipt of this follow-up information request, including but not limited to, records that contain the date of land application, weather information, start and stop time, SOFEB levels prior to and after land application activities, the quantity of manure and/or process wastewater land applied, the destination land-application fields and any other information required by the NPDES permit and/or nutrient management plan. Some SOFEB records were provided in Meadowvale Dairy's July 16, 2014 response, however the response was incomplete. For SOFEBs that Meadowvale Dairy has already provided records, please provide the records generated from January 1, 2012, through the date of this follow up request.

Request for additional information (2): For each solid settling basin at the North Dairy Facility, please provide photos documenting that the structures have been cleaned out. Also provide copies of all documents generated since January 1, 2012, related to land application activities necessary to clean out the structures, including all records that contain the date of land application, weather information, the destination land-application fields, the quantities applied and any other information required by the NPDES permit and/or nutrient management plan.

South Dairy Facility Concerns:

1. Staff gauges: Please confirm, and provide photos, that the newly designed staff gauges were installed by December 1, 2014, as discussed in Meadowvale Dairy's response. Also please provide copies of all documents related to land application activities necessary to dewater lagoons to allow their installation, including but not limited to, records that contain the date of land application, weather information, start and stop time, SOFEB levels prior to and after each land application activity, the quantity of manure and/or process wastewater land applied, the

destination land-application fields and any other information required by the NPDES permit and/or nutrient management plan.

2. Meadowvale Dairy's response indicated that solid settling basins would be completely cleaned out by December 1, 2014. For each solid settling basin at the South Dairy, please provide photos documenting that the structures have been cleaned out. Also provide copies of all documents related to land application activities necessary to clean out the structures, including all records that contain the date of land application, weather information, the destination land-application fields, the quantities applied and any other information required by the NPDES permit and/or nutrient management plan.

Request for additional information: Please provide copies of all documents related to land application activities for all SOFEBs at the South Dairy Facility since January 1, 2012, through the date of receipt of this follow-up information request, including but not limited to, records that contain the date of land application, weather information, start and stop time, SOFEB levels prior to and after land application activities, the quantity of process wastewater land applied, the destination land-application fields and any other information required by the NPDES permit and/or nutrient management plan. Some SOFEB records were provided in Meadowvale Dairy's July 16, 2014 response, however the response was incomplete. For SOFEBs that Meadowvale Dairy has already provided records, please provide the records generated from January 1, 2012, through the date of this follow up request.

Other areas of concern:

1. Meadowvale Dairy's response indicated that the concrete manure storage bunker on the south side of 310th Street had been cleaned out and was completely contained. However, the July 2014 Iowa Department of Natural Resources' investigation of Meadowvale Dairy's Rock Valley operations documented that manure and process wastewater were not contained and that the structure was nearly full of manure and process wastewater. Please provide photos documenting the current available storage capacity of this structure and provide copies of all documents generated since January 1, 2012, related to land application activities necessary to clean out the structure, including all records that contain the date of land application, weather information, the destination land-application fields, the quantities of manure and/or process wastewater applied and any other information required by a nutrient/manure management plan.

Additional Requested Information:

1. To the extent they were not provided pursuant to the U.S. Environmental Protection Agency's May 6, 2014 information request or already requested above pursuant to this follow-up request, please provide all documents related to land application activities associated with the North Dairy Facility, the South Dairy Facility, the Calf Barn and Hut Facility, and the concrete manure storage bunker. These documents should include, but are not limited to, all information Meadowvale Dairy is required to record and maintain by its nutrient management plan(s) for manure and process wastewater at any and all of Meadowvale Dairy's facilities and operations. This request includes all responsive documents generated between January 1, 2012 and the date of Meadowvale Dairy's receipt of this follow-up request.

2. There appears to be some runoff control-structure-labelling disparities between Meadowvale Dairy's NPDES permits, how the structures are labelled in the EPA's inspection report (see, Attachment 6, pages 4 and 6), and how the structures are identified in Meadowvale Dairy's July 16, 2014, response. Please provide a map of both the North Dairy Facility and the South Dairy Facility that identifies each SOFEB as they are described in the NPDES permits.

As previously described, Section 308 of the CWA, 33 U.S.C 1318, authorizes the EPA to request information from any person to determine compliance with the CWA. The information requested above must be submitted no later than twenty-one (21) calendar days after receipt of this letter. Send your response to:

Don Hamera
U.S. Environmental Protection Agency
Water, Wetlands and Pesticides Division
Water Enforcement Branch
11201 Renner Boulevard
Lenexa, Kansas 66219
hamera.don@epa.gov

Please feel free to submit your written response by electronic mail at the provided address if that is more convenient for you.

Although the information requested must be submitted to the EPA, you are entitled to assert a business confidentiality claim pursuant to the regulations set forth in 40 C.F.R. Part 2, Subpart B. If the agency determines the information you have designated meets the criteria in 40 C.F.R. § 2.208, the information will be disclosed only to the extent and by means of the procedures specified in Subpart B. Unless a confidentiality claim is asserted at the time the requested information is submitted, the agency may make the information available to the public without further notice to you.

Although the agency seeks your cooperation, compliance with this Information Request is required by law. Failure to provide all the information required or the making of any false material statements or representation in response to this letter, constitute violations of Section 308 of the CWA, and may result in an enforcement action and the imposition of civil and/or criminal penalties pursuant to Section 309 of the CWA, 33U.S.C. 1319. The EPA reserves its right to pursue violations of the CWA identified as a result of the inspection or the information provided pursuant to this information request.

If there are any questions regarding this request or the agency's evaluation of your operation, please contact Mr. Hamera at (913) 551-7818.

Sincerely,



Karen A. Flournoy
Director
Water, Wetlands and Pesticide Division

cc: Ken Hessenius, Iowa Department of Natural Resources